

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  101256-1 WO	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.  PCT/GB2004/004784	International filing date (day/month/year)  15/11/2004	(Earliest) Priority Date (day/month/year)  17/11/2003	
Applicant  ASTRAZENECA AB			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PYRAZOLE DERIVATIVES AS INHIBITORS OF RECEPTOR TYROSINE KINASES

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004784

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/506 C07D403/12 C07D409/14 C07D495/04 C07D487/04  
C07D471/04 C07D401/14 C07D417/04 C07D403/14 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/048133 A (ASTRAZENECA AB; BARLAAM, BERNARD; PAPE, ANDREW; THOMAS, ANDREW) 12 June 2003 (2003-06-12) cited in the application claim 8; examples 44,45,92-98	1-28
X	WO 01/60816 A (AMGEN INC) 23 August 2001 (2001-08-23) page 18; claim 1; example 24; tables 2,3; compounds 1,5-9,33-35	1-28

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

7 Apr11 2005

Date of mailing of the international search report

15/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Grassi, D

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004784

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03048133	A	12-06-2003	AU 2002365864 A1	17-06-2003
			BR 0214605 A	14-09-2004
			CA 2467838 A1	12-06-2003
			EP 1456182 A1	15-09-2004
			HU 0401855 A2	28-12-2004
			WO 03048133 A1	12-06-2003
			US 2005054638 A1	10-03-2005
WO 0160816	A	23-08-2001	AU 3704101 A	27-08-2001
			CA 2400447 A1	23-08-2001
			CN 1429222 A	09-07-2003
			EP 1257546 A1	20-11-2002
			HU 0301117 A2	29-12-2003
			JP 2003532635 T	05-11-2003
			MX PA02007957 A	29-11-2002
			WO 0160816 A1	23-08-2001
			US 2003199534 A1	23-10-2003
			US 2002052386 A1	02-05-2002
			ZA 200206386 A	26-11-2003